

Interfaces and Cables

A

Table A-1 Console Interface

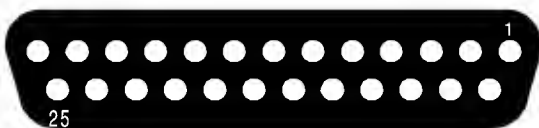
PIN	SIGNAL	DIRECTION *
2	Transmit Data	In(T, A0)
3	Receive Data	Out(T, A0)
4	RTS	In(A0)
5	Clear to Send	Out(T, A0)
6	Data Set Ready	Out(T, A0)
7	Signal Ground	— (T, A0, A1, C)
8	Carrier Detect	Out(T, A0)
11	Detect Aux 0, Aux 1 Device	In(T, A0)
14	Sec. Transmit Data	In(T, A0)
16	Sec. Receive Data	Out(T, A0)
20	DTR	In(T, A0)
* Used for the device(s) noted, as follows: T - serial terminal A0 - Aux 0 device 0 A1 - Aux 1 device 1 C - detect cable for Aux 0, Aux 1 device		
		

Table A-2 NI Interface

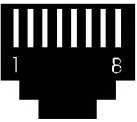
PIN	SIGNAL	DIRECTION	
1	Transmit	Out	
2	Transmit	Out	
3	—		
4	—		
5	—		
6	—		
7	Receive	In	
8	Receive	In	

Table A-3 SNMP Interface

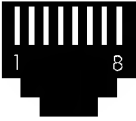
PIN	SIGNAL	DIRECTION	
1	—	—	
2	—	—	
3	RXD	In	
4	GND	—	
5	GND	—	
6	TXD	Out	
7	DTR	Out	
8	RTS	Out	

Table A-4 Modem Interface

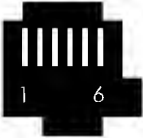
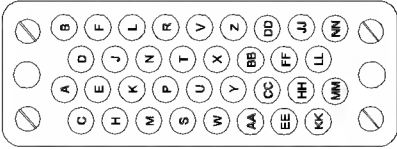
PIN	SIGNAL	
1	—	
2	—	
3	T Tip	
4	R Ring	
5	—	
6	—	

Table A-5 V.35 Interface

PIN	SIGNAL	DIRECTION
B	Signal Ground	—
C	Request to Send	In
D	Clear to Send	Out
E	Data Set Ready	Out
F	Data Carrier Detect	Out
H	Data Terminal Ready	In
P	Transmitted Data A	In
R	Received Data A	Out
S	Transmitted Data B	In
T	Received Data B	Out
U	Ext. Transmit Clock A	In
V	Receive Clock A	Out
W	Ext. Transmit Clock B	In
X	Receive Clock B	Out
Y	Transmit Clock A	Out
AA	Transmit Clock B	Out
NN	Test Mode	Out



Note Appendix B lists order numbers for the following cables.

Figure A-1 Cable, Straight-thru (115-0414-004)

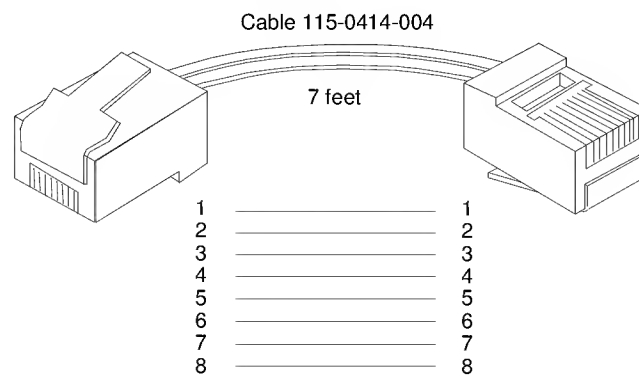


Figure A-2 Cable, Crossover (115-0414-007)

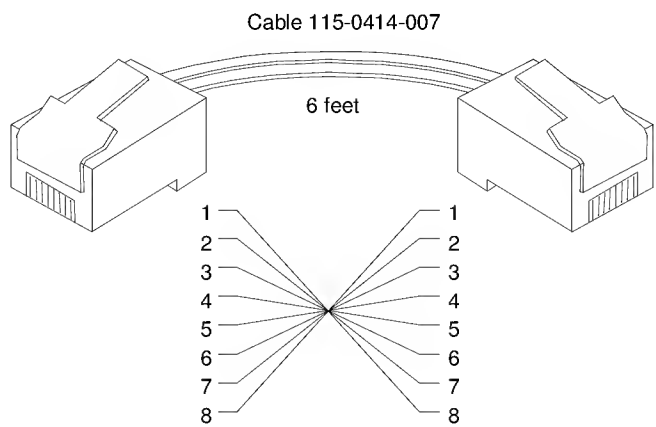


Figure A-3 Cable, Modem (115-0414-001)

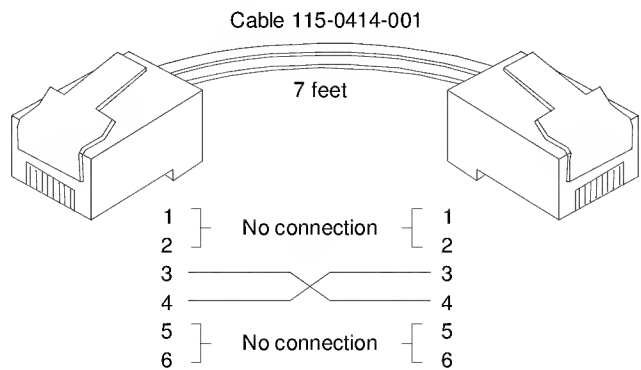
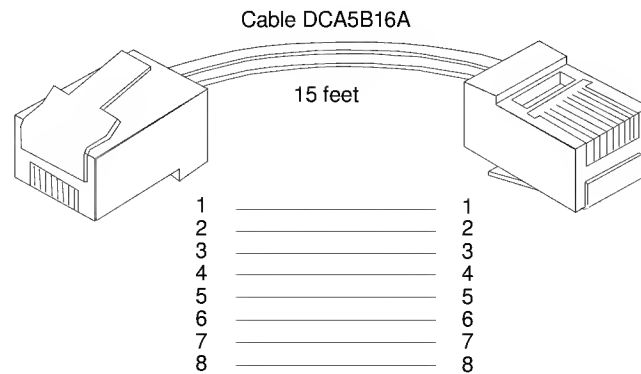
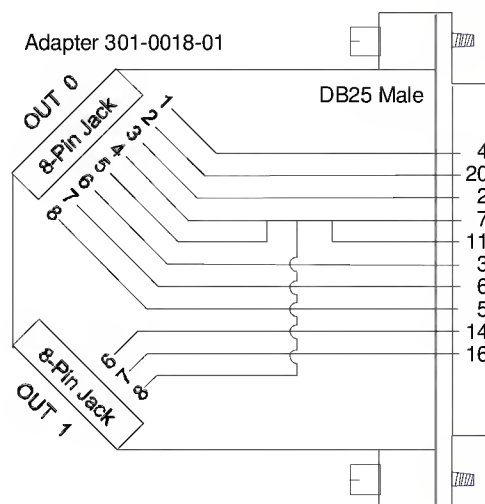


Figure A-4 Cable, SLIP, Straight-thru (DCA5B16A)



Adapter 301-0018-01 is connected to the Routermate's CONSOLE interface for dial-in management of auxiliary devices. Cable DCA5B16A connects from a router, terminal server or other device to the OUT 0 adapter connector. Cable 115-0530-xx connects from an FPX4802/DES Frame Relay Encryptor to the **OUT 1** port on the console adapter (see [Connecting the AUX 0, Aux 1 Device](#) on [page 2-13](#)).

Figure A-5 Adapter, Dual 8-Pin Modular to DB25 Male (301-0018-01)



Adapter 115-0571-01 (Figure A-6) is used with cable 115-0414-007 for a SLIP connection to a router or other device with a SLIP interface configured as a modem (DCE), and also for a management connection to a router or other device with a management port configured as a modem (DCE).

Use adapter 115-0572-01 (Figure A-7) if the SLIP or management connection is to an interface configured as a DTE.

Figure A-6 *Adapter, DB25 Male (115-0571-01)*

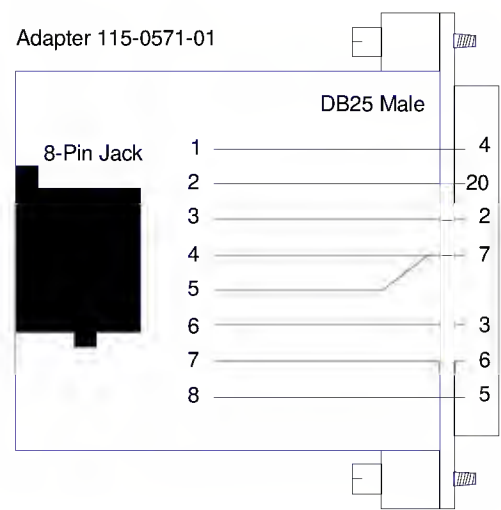


Figure A-7 *Adapter, DB25 Female (115-0572-01)*

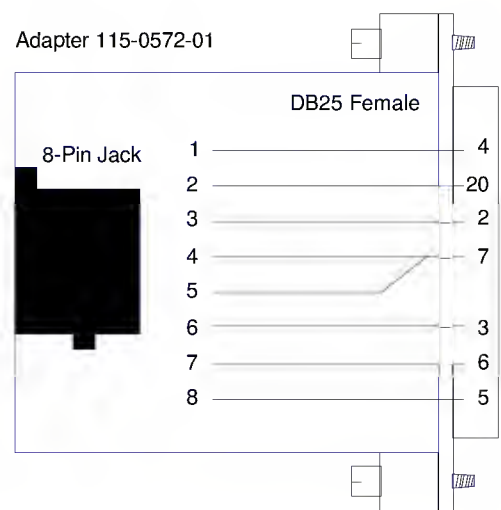


Figure A-8 Cable, DES Encryptor Management (115-0530-xx)

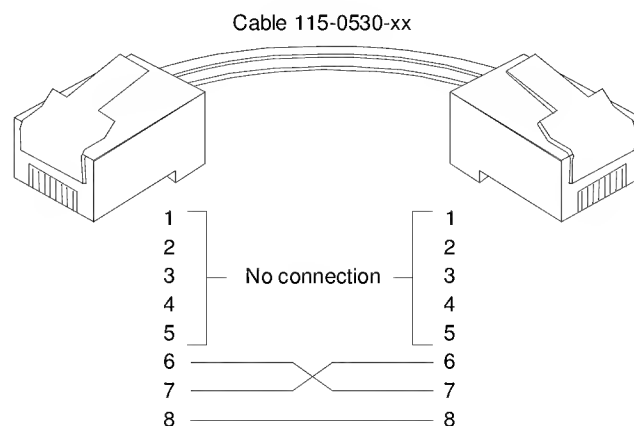


Figure A-9 Cable, V.35 Extension; Male-to-Male, Shielded (905-7177-xx)

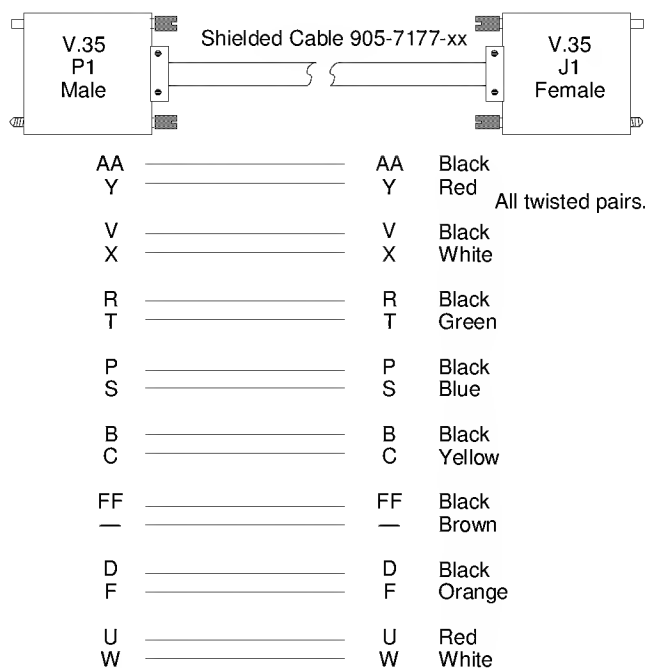


Figure A-10 Cable, V.35 Extension; Male-to-Male, Shielded (115-0537-01)

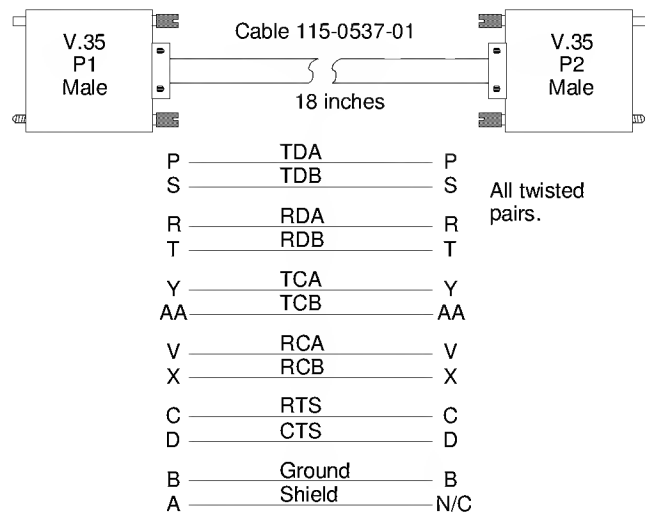


Figure A-11 Cable, V.35 Extension; Male-to-Male, Shielded (DCA9A51A)

